



# DESIGN SOUTH PROFESSIONALS, INC.

engineers architects planners

***'28 YEARS OF RESPONSIVE SERVICE'***

## ***MONTHLY PROGRESS REPORT***

To: Terry Pruitt  
General Manager, Pioneer Rural Water District

From: Greaton Sellers

Project: ***Lake Hartwell Water Treatment Plant, Raw Water Pump Station and Intake, Raw Water Transmission Main  
Pioneer Rural Water District***

Project No.: 0743

Date: January 3, 2018

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For the period beginning December 1<sup>st</sup> and ending December 31, 2017, the following construction activities have been accomplished for each project area.

### **RAW WATER INTAKE AND PUMP STATION**

#### **Area 02 – Civil:**

- No work was done during this time period.

#### **Area 20 – Raw Water Intake:**

- No work was done during this time period.

#### **Area 30 – Raw Water Pump Station:**

- No work was done during this time period.

### **RAW WATER TRANSMISSION MAIN**

#### **Area 02 – Civil:**

- No work was done during this time period.

## **WATER TREATMENT PLANT**

### **Area 02 – Civil:**

- No work was done during this time period.

### **Area 40 – Pretreatment:**

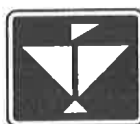
- Concrete was poured in the following locations:
  - The second and third Pretreatment elevated catwalk pours.
- All concrete for the Pretreatment structure has been poured and is in place.
- Concrete finishers began grinding form lines in the Pretreatment walls.

### **Area 60 – Membrane Filtration Building:**

- Concrete was formed and poured in the following locations:
  - The membrane building footing and column footing in the northeast corner of the building.
  - The tank farm walls and tank pads.
- Concrete finishers began grinding and finished the tank farm walls.
- The 8-inch CIP drain line was installed and encased in concrete.
- Rebar for the chemical feed trench slab was tied and edge forms put up in preparation to pour concrete next month.
- Duct bank continued to be installed between the transformer pad and the membrane building.
- Conduit continued to be installed between the generator pad and the membrane filtration building.
- Plumbing drains were installed in the office area of the membrane building.

### **Area 70 – Finished Water Storage:**

- The first through fourth layers of shotcrete were applied to the outside of the finished water storage tank.
- Equipment was moved to the inside of the tank in preparation for interior shotcrete.



**Area 75 – Finished Water Pumping:**

- The 6-inch DIP from the FDC to the membrane building along with the 4-inch finished waterline into the membrane building were partially installed and encased in concrete.

**Area 80 – Chemical Feed:**

- No work was done during this time period.

**Area 95 – Residual Handling:**

- No work was done during this time period.

**PERSONNEL AND EQUIPMENT**

1. Harper Corporation:

- Kubota SVL 75-2 Compact Track Loader.
- Bobcat E85 Excavator.
- Caterpillar D6G LGP Bulldozer.
- Takeuchi TB135 Excavator.
- Caterpillar 323F Excavator.
- Caterpillar 314C LC Excavator.
- Caterpillar 930K Loader.
- Nine workers on site.

2. Hayes and Lunsford:

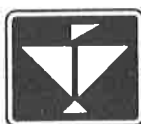
- Bobcat E39 Excavator.
- Three workers on site.

3. Concrete Forming Associates:

- Eight workers on site.

4. Precon Corporation:

- John Deere 310EK Loader/Backhoe.
- Seven workers on site.



5. Piedmont Plumbing:

- Three workers on site.

**MATERIALS DELIVERED**

- No materials were delivered during this time period.

**PRECIPITATION**

- 2.43 inches of rain fell during this time period.
- There were two days of lost work (December 8 and 20, 2017) due to precipitation during this time period.

GWS:jsc

c: Debi Green, Area Specialist, USDA/Rural Development  
Heather Bryant, Pioneer Rural Water District

